

Claims

1. A lock comprising a lock mechanism arranged to receive and lock to an associated keep (7), characterised in that the lock comprises an outer cover (1) which extends over
5 both the lock mechanism and the keep (7) when the keep is locked to the lock and in that the cover prevents access to both the lock mechanism and the keep.
2. A lock as claimed in Claim 1, wherein those components of the lock mechanism which retain the keep (7) in a locked position within the lock are located within the lock
10 and the lock cover (1) is profiled such that a cutting/grinding disk extending in excess of 20 mm from the body of a cutter would be required to sever those components and release the keep
3. A lock as claimed in Claim 1 or 2, wherein the cover (1) comprises dissimilar
15 materials selected to resist cutting by a cutting disk.
4. A lock as claimed in Claim 1, 2 or 3, wherein the lock cover comprises ceramic inserts attached thereto.
- 20 5. A lock as claimed in any preceding claim, wherein the lock cover comprises hardened steel inserts attached thereto.
6. A lock as claimed in any preceding, wherein the lock cover (1) is cast and hardened

on at least one surface thereof.

7. A lock as claimed in any preceding claim, wherein the cover (1) protects the lock from the weather.

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8. A lock as claimed in any preceding claim, wherein the lock mechanism comprises electronic circuitry (10) and mechanical elements (15) controlled by the electronic circuitry.

9. A lock as claimed in Claim 8, wherein the circuitry comprises a keypad (22) aligned
10 with an aperture in the cover permitting the lock to be operated when a correct code is entered on the keypad.

10. A lock as claimed in Claim 8 or 9, wherein the circuitry (10) comprises a receiver
(6) for receiving a signal externally of the cover and permits operation of the lock when an
15 authorisation signal is received.

11. A lock as claimed in any one of Claims 8, 9 or 10, wherein a mechanical linkage (2)
extends through the cover (1) of the lock such that the linkage can be activated by a user,
wherein the lock is arranged such that on receipt of a correct code or signal, the electronic
20 circuit (10) enables the lock to be released by the user operating the mechanical linkage (2)
such that the energy required to lock or release the lock is supplied by the user.

12. A lock as claimed in Claim 11, wherein the circuitry (10) comprises a wake up

mode which is activated by the user operating the mechanical linkage (2).

13. A lock as claimed in Claim 11, wherein the mechanical linkage (2) comprises a cylinder lock (5) arranged to release the lock manually when operated by the correct key.

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14. A lock as claimed in any one of Claims 8 to 12, wherein the electronic circuitry (10) controls an actuator (23) which releases the mechanical mechanism.

15. A lock as claimed in Claim 15, wherein the actuator is a piezoelectric actuator.

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16. A lock substantially as hereinbefore described, with reference to one or more of the accompanying figures.